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In the Claims:

Please amend the claims to read as follows:

- 1 1. (Original) Smoke detection and monitoring arrangement for monitoring presence of
2 smoke within one or more zones of a building structure, comprising:
3 one or more detection units each being positioned within a respective zone within
4 the structure, each said detection unit including a duct, an intake grille for admitting air
5 from the zone into said duct, an optical tamper detector positioned at said grille, a low-
6 volume smoke detector positioned within said duct, and means inducing an air flow in
7 through said intake grille into said duct;
8 a main control panel providing visible indication of smoke and of tampering in
9 each said zone being monitored; and
10 means communicating between the tamper detector and the smoke detector of each
11 said detection unit and said main control panel.
- 1 2. (Currently Amended) Smoke detection and monitoring arrangement according to
2 Claim 1 wherein said means for inducing an air flow includes a length of duct work
3 adapted to connect said duct with an exhaust vent.
- 1 3. (Original) Smoke detection and monitoring arrangement according to Claim 1
2 wherein said means for inducing an air flow includes a fan positioned within said duct.
- 1 4. (Original) Smoke detection and monitoring arrangement to Claim 1 wherein said one
2 or more detection units includes an air flow detector within said duct, and said means for
3 communicating includes means for signalling to said control panel when airflow is
4 present.

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1 5. (Original) Smoke detection and monitoring arrangement according to Claim 4
2 wherein said air flow detector includes a vane positioned across the axis of air flow in the
3 duct.

1 6. (Original) Smoke detection and monitoring arrangement according to Claim 1
2 wherein said main control panel includes a lockable enclosure having a locking front
3 cover, and indicator lamps indicating for each zone, respectively, smoke detection and
4 tamper indication.

1 7. (Original) Smoke detection and monitoring arrangement according to Claim 6 wherein
2 said main control panel further includes an audible alarm sounder situated within said
3 lockable enclosure.

1 8. (Currently Amended) Smoke detection and monitoring arrangement according to
2 Claim 7, further including a reset button within said ~~locking~~ lockable enclosure for
3 permitting the sounder to be reset to OFF only by first unlocking the ~~front panel~~
4 enclosure.

1 9. (Original) Smoke detection and monitoring arrangement according to Claim 5 wherein
2 said main control panel includes a service signalling means for indicating
3 operative/inoperative status of the respective detection unit or units.

1 10. (Original) Smoke detection and monitoring arrangement according to Claim 9
2 wherein the service signalling means is responsive to status of the air flow detector.

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1 11. (Original) Smoke detection and monitoring arrangement according to Claim 9
2 wherein the service signalling means is responsive to operability of the smoke detector of
3 the respective detection unit.

1 12. (Original) Smoke detection and monitoring arrangement according to Claim 1
2 wherein said intake grille is adapted to be mounted in a standard 2-foot by 2-foot aperture
3 of a dropped ceiling.

1 13. (Original) Smoke detection and monitoring arrangement according to Claim 1
2 wherein said optical tamper detector situated at a center of said grille.

1 14. (Original) Smoke detection and monitoring arrangement according to Claim 1
2 wherein said optical tamper detector includes a photo presence switch. —